

CLAIMS

1. Cosmetic and/or dermatological composition
5 intended for treating keratin fibres, in particular
human keratin fibres and more particularly human hair,
comprising, in a support which is suitable for keratin
fibres:
(a) at least one enzyme of 2-electron oxidoreductase
10 type in the presence of at least one donor for the said
enzyme,
(b) at least one basic amino acid.
2. Composition according to Claim 1, characterized
15 in that the 2-electron oxidoreductase is chosen from
uricases of animal, microbiological or biotechnological
origin.
3. Composition according to Claim 1 or 2,
characterized in that the 2-electron oxidoreductase(s)
20 represent(s) from 0.01 to 20% by weight relative to the
total weight.
4. Composition according to Claim 3, characterized
in that the 2-electron oxidoreductase(s) represent(s)
from 0.1 to 5% by weight relative to the total weight
of the composition.
- 25 5. Composition according to Claim 2, characterized
in that the donor (or substrate) for the said 2-
electron oxidoreductase is chosen from uric acid and
its salts.
6. Composition according to any one of the
30 preceding claims, characterized in that the donor(s)
represent(s) from 0.01 to 20% by weight relative to the
total weight of the composition.
7. Composition according to Claim 6, characterized
in that the donor(s) represent(s) from 0.1 to 5% by
35 weight relative to the total weight of the composition.
8. Composition according to any one of Claims 1 to
7, characterized in that the basic amino acids are
preferably chosen from those corresponding to formula
(I) below:

09632882-044204

diphenols and heterocyclic couplers, and the addition salts of these compounds with an acid.

14. Composition according to Claim 10 or 13, characterized in that the couplers are present in concentrations ranging from 0.0001 to 10% by weight relative to the total weight of the composition.

15. Composition according to Claim 11 or 13, characterized in that the addition salts with an acid for the oxidation bases and the couplers are chosen from the hydrochlorides, hydrobromides, sulphates, tartrates, lactates and acetates.

16. Composition according to any one of Claims 10 to 15, characterized in that it also contains direct dyes.

17. Composition according to any one of Claims 1 to 16, characterized in that the medium which is suitable for the keratin fibres (or support) consists of water or of a mixture of water and at least one organic solvent.

18. Composition according to Claim 17, characterized in that the organic solvents can be present in proportions preferably ranging from 1 to 40% by weight relative to the total weight of the composition, and even more preferably ranging from 5 to 30% by weight.

19. Composition according to any one of Claims 1 to 18, characterized in that the pH ranges from 5 to 11 and preferably from 6.5 to 10.

20. Composition according to any one of Claims 1 to 19, characterized in that it also contains at least one cosmetic adjuvant used conventionally in compositions for dyeing, permanently reshaping or bleaching the hair, chosen from the group consisting of anionic, cationic, nonionic, amphoteric or zwitterionic surfactants or mixtures thereof, anionic, cationic, nonionic, amphoteric or zwitterionic polymers or mixtures thereof, inorganic or organic thickeners, antioxidants, enzymes other than the 2-electron oxidoreductases, penetration agents, sequestering agents, fragrances, buffers, dispersing agents,

09822884 041201

21. Process for dyeing keratin fibres, and in particular human keratin fibres such as the hair, characterized in that at least one ready-to-use dye composition as defined in any one of Claims 10 to 20 is applied to the said fibres, for a period which is sufficient to develop the desired coloration.

23. Multi-compartment dyeing device or "kit",
25. characterized in that it contains a first compartment
containing composition (A) as defined in Claim 22 and a
second compartment containing composition (B) as
defined in Claim 22.

24. Process for treating keratin fibres, in particular the hair, in order to obtain a permanent reshaping of this hair, in particular in the form of permanent-waved hair, this process comprising the following steps: (i) a reducing composition is applied to the keratin fibres to be treated, the keratin substance being placed under mechanical tension before, during or after the said application, (ii) the keratin substance is optionally rinsed, (iii) an oxidizing composition as defined in any one of Claims 1 to 9 and 17 to 20 is applied to the optionally rinsed keratin

substance, (iv) the keratin substance is optionally rinsed again.

25. Process for treating keratin fibres, in particular the hair, in order to bleach them, this process comprising the application of an oxidizing composition as defined in any one of Claims 1 to 9 and 17 to 20 optionally containing an auxiliary oxidizing agent and a second step of rinsing the keratin fibres.

add c'7

00000000.044201